```xml
<?xml version="1.0"?>

<DataDictionary Name="DDEditor" >

<Controls >
 <IdGenerators >
  <IdGenerator Name="Primitive" BaseId="1000"/>
  <IdGenerator Name="Class" As="Primitive" />
  <IdGenerator Name="ObjectArray" As="Primitive" />
  <IdGenerator Name="PObjects" BaseId="2000"/>
 </IdGenerators >
</Controls >
<Dependencies >
 <ApplicationName Name="System Default" />
</Dependencies >
<Primitives >
 <Primitive Name="Name" Description ="Name" Base="String" />
 <Primitive Name="Description" Description ="Description" Base="String" />
 <Primitive Name="Id" Description ="Id" Base="Integer" />
 <Primitive Name="DdId" Description ="DD Id" Base="Id" />
 <Primitive Name="AttrId" Description ="Attr Id" Base="Id" />
 <Primitive Name="Type" Description ="Type" Base="String" />
 <Primitive Name="DataSize" Description ="DataSize" Base="Integer" />
 <Primitive Name="ClassName" Description ="Class Name" Base="String" />
 <Primitive Name="BaseTypeName" Description ="Base Type Name" Base="String" />
 <Primitive Name="DefaultValue" Description ="Default Value" Base="String" />
 <Primitive Name="Length" Description ="Length" Base="Integer" />
 <Primitive Name="Format" Description ="Format" Base="String" />
 <Primitive Name="State" Description ="State" Base="String" />
 <Primitive Name="SequenceNumber" Description ="Sequence Number" Base="Integer" />
 <Primitive Name="AccessType" Description ="Access Type" Base="String" />
 <Primitive Name="ReferenceType" Description ="Reference Type" Base="String" />
 <Primitive Name="SecurityLevel" Description ="Security Level" Base="String" />
 <Primitive Name="Occurrence" Description ="Occurrence" Base="Integer" />
 <Primitive Name="KeyFlag" Description ="Key Flag" Base="String" />
</Primitives >
<Classes >
 <Class Name="BaseTypeInfo" Description ="Base Type Info" >
  <Attributes >
   <Attribute Name="p_id" Type="Id" Description ="New Id" As="Id" />
              <Attribute Name="p_ddId" Type="DdId" />
   <Attribute Name="p_name" Type="Name" As="Name" Key="True" />
   <Attribute Name="p_desc" Type="Description" />
   <Attribute Name="p_type" Type="Type" />
   <Attribute Name="p_dataSize" Type="DataSize" />
   <Attribute Name="p_className" Type="ClassName" />
   <Attribute Name="p_baseTypeName" Type="BaseTypeName" />
   <Attribute Name="p_state" Type="State" />
  </Attributes >
 </Class >
 <Class Name="PrimitiveTypeInfo" Description ="Primitive Type Info" Base="BaseTypeInfo" >
  <Attributes >
   <Attribute Name="p_length" Type="Length" />
   <Attribute Name="p_format" Type="Format" />
   <Attribute Name="p_defaultValue" Type="DefaultValue" />
  </Attributes >
 </Class >
 <Class Name="ObjectDefinition" Description ="Object Definition" >
  <Attributes >
   <Attribute Name="p_id" Type="Id"/>
   <Attribute Name="p_desc" Type="Description" />
  </Attributes >
 </Class >
 <Class Name="AttrInfo" Description ="Attribute Info" >
  <Attributes >
   <Attribute Name="p_id" Type="AttrId" As="Id"/>
```

```xml
      <Attribute Name="p_classId" Type="Id" As="ParentId" />
      <Attribute Name="p_name" Type="Name" />
      <Attribute Name="p_desc" Type="Description" />
      <Attribute Name="p_baseTypeName" Type="BaseTypeName" />
      <Attribute Name="p_accessType" Type="AccessType" />
      <Attribute Name="p_referenceType" Type="ReferenceType" />
      <Attribute Name="p_securityLevel" Type="SecurityLevel" />
      <Attribute Name="p_occurrence" Type="Occurrence" />
      <Attribute Name="p_keyFlag" Type="KeyFlag" />
    </Attributes>
  </Class>
  <Class Name="ClassTypeInfo" Description="Class Type Info" Base="BaseTypeInfo" >
   <Attributes >
    <Attribute Name="o_attrInfoArray" Type="AttrInfoArray" />
   </Attributes >
  </Class>
  <Class Name="ObjectArrayTypeInfo" desc="ObjectArray Type Info" Base="BaseTypeInfo" >
   <Attributes >
    <Attribute Name="p_childType" Type="Type" />
    <Attribute Name="p_length" Type="Length" />
   </Attributes >
  </Class>
  <Class Name="DDInfo" Description="DD Info" >
   <Attributes >
    <Attribute Name="p_id" Type="DdId" />
    <Attribute Name="p_name" Type="Name" />
    <Attribute Name="p_desc" Type="Description" />
    <Attribute Name="o_primitiveTypeInfoArray" Type="PrimitiveTypeInfoArray" />
    <Attribute Name="o_classTypeInfoArray" Type="ClassTypeInfoArray" />
    <Attribute Name="o_objectArrayTypeInfoArray" Type="ObjectArrayTypeInfoArray" />
    <!--Attribute Name="o_baseIdArray" Type="BaseIdArray" -->
   </Attributes >
  </Class>
 </Classes >
 <ObjectArrays >
  <ObjectArray Name="PrimitiveTypeInfoArray" Type="PrimitiveTypeInfo" Description ="Primitive Type
Info Array" />
  <ObjectArray Name="ClassTypeInfoArray" Type="ClassTypeInfo" Description ="Class Type Info Array" />
  <ObjectArray Name="ObjectArrayTypeInfoArray" Type="ObjectArrayTypeInfo" Description ="ObjectArray
Type Info Array" />
  <ObjectArray Name="AccessTypeArray" Type="AccessType" Description ="Access Type Info Array" />
  <ObjectArray Name="BaseTypeInfoArray" Type="BaseTypeInfo" Description ="Base Type Info Array" />
  <ObjectArray Name="AttrInfoArray" Type="AttrInfo" Description ="Attribute Info Array" />
  <ObjectArray Name="BaseIdArray" Type="Id" Description ="Base Id Array" />
 </ObjectArrays >
</DataDictionary >
```

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Office of Initial Patent Examination -- Scanning Division
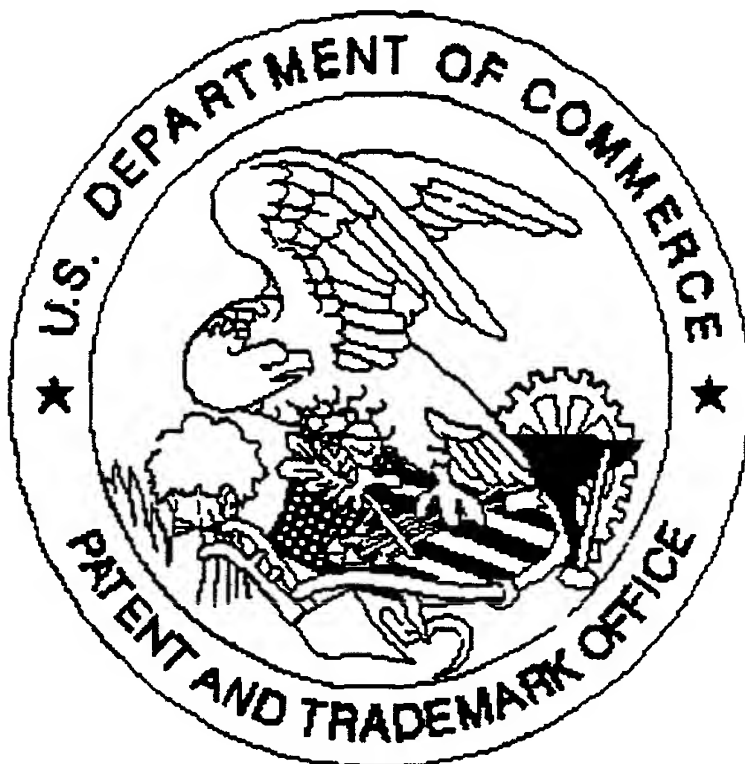
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